



Università
Ca' Foscari
Venezia

Global@Venice

Post-doc Fellowship at Ca' Foscari University of Venice

“Expression of Interest” for Global at Venice - call 2021

1. Interested institution (legal person):

Ca' Foscari University of Venice

2. Department/Centre:

Department of Molecular Sciences and Nanosystems (DSMN)

DSMN is a highly multidisciplinary environment covering various scientific areas such as chemistry, physics, mathematics, engineering and biology. The research carried out @DSMN has a strong focus on innovative and sustainable technologies and (nano)materials.

Polyphenols Chemistry and Materials Science Lab (PPM)

The core scientific competences and interests of the PPM Group lie in the area of green chemistry, with a particular focus on high added-value micro- and nanostructures from (waste) biomass, chemical and oxidative upgrade of lignins, high-performance thermoplastic and thermosets from renewable resources.

3. Position, scientific requirements, topic, scientific panel:

Position:

Post-doc Position

Scientific requirements:

PhD in Chemistry, Materials Science, Polymer Chemistry, Biotechnology.

The fellow should have experience in organic synthesis, polymer chemistry and characterization, spectroscopic characterization techniques, dimensional and morphological characterization of materials. The fellow should have leadership and teamworking abilities and international experience in research and/or teaching.

Topic(s):

We are interested in proposals in one of the following Scientific Panels covering the following topics:

- 1) Synthesis and characterization of polymeric membranes and hydrogels for environmental, biomedical and energy applications
- 2) Development of high-performance nanomaterials from renewable resources for the entrapment and controlled release of active compounds
- 3) Enzymatic and/or chemical processes for the valorization/depolymerization of biomaterials

Scientific Panel:

X PE - Physical Sciences and Engineering

LS - Life Sciences

SH - Social Sciences and Humanities

4. Contact person:

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